Index of Claims

| Appli | cation/Co | ntrol | No. |
|-------|-----------|-------|-----|
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10/829,094 Examiner

Applicant(s)/Patent under Reexamination

OWENS, SHAWN
Art Unit

Drew E. Becker

1761

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla          | im       | Date          |          |                    |          |          |              |                 | Claim Date           |          |      |              |          |                 |                 | [        | Cl       | aim   |              | Date                    |           |   |       |            |                 |                 |          |          |          |          |          |   |          |
|--------------|----------|---------------|----------|--------------------|----------|----------|--------------|-----------------|----------------------|----------|------|--------------|----------|-----------------|-----------------|----------|----------|---|--------------|-------------------------|-----------|---|-------|------------|-----------------|-----------------|----------|----------|----------|----------|----------|---|----------|
|              | a        | 2             | 1        |                    |          |          |              | ΙĪ              |                      |          |      | · _          | <u> </u> |                 |                 |          |          |   |              |                         |           |   | _     | <u> </u>   |                 |                 |          |          |          |          |          |   |          |
| Final        | Original | 21.0          |          |                    |          |          |              |                 |                      |          |      | Final        | Original |                 |                 | - [      |          |   |              |                         |           |   | Final | Original   |                 |                 |          |          |          |          | Į        |   |          |
| 证            | ا ق      | 9             | 1        |                    | 1        |          |              |                 |                      |          |      | ፲፫           | ō        |                 | .               |          |          |   |              |                         |           |   | üΞ    | ō          |                 |                 |          |          |          | 1        |          |   |          |
|              |          | _             | 4_       | 1                  | 1        | $\vdash$ | Ш            | $\vdash$        | $\sqcup$             | 4        |      |              |          |                 | $\dashv$        | 4        | _        | +   | +            | $\vdash$                | _         |   |       |            | $\vdash \dashv$ |                 | 4        | -        |          |          |          | $\dashv$  | 4        |
|              | 1        | $ \checkmark$ | ┡        | <u> </u>           | ┞        | ↓_       | Ш            | Ш               |                      |          |      |              | 51       |                 |                 | $\dashv$ | +        | +   | -            | $\vdash$                | _         |   |       | 101        | $\square$       | $\dashv$        |          |          | _        |          | -        | $\dashv$  | 긕        |
|              | 2        | Н             | <u> </u> |                    | ╀╌       | ├        | Н            | $\vdash$        | _                    | -        |      |              | 52       |                 | -               | -        | +        | +   | +-           |                         |           |   |       | 102        | $\vdash$        | +               | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | ᅱ        |
|              | 3        | Н             | ⊢        | ⊢                  | -        | ├        | Н            | $\vdash$        |                      |          |      |              | 53       |                 | $\dashv$        | -        | +        | +   |              | <del>├</del> ─├         | :         |   |       | 103        | $\vdash$        | $\dashv$        | $\dashv$ |          | -        | $\dashv$ | $\dashv$ | +   | ᅱ        |
|              | 4        | 1             | ᡟ        | ⊢                  | ₩        | ļ:       | H            | Н               |                      | - :      |      |              | 54<br>55 | $\vdash$        |                 | -+       |          | +   | ┰            | ╁                       | - :       |   |       | 104<br>105 |                 | -               | $\dashv$ | ᅱ        | $\dashv$ | $\dashv$ | -        | $\dashv$  |          |
| -            | 5<br>6   | 0             | -        | ╁                  | ╁        | -        | Н            | Н               | $\dashv$             | $\dashv$ |      | -            | 56       | $\vdash$        | +               | -+       | -        | +   | ┿            | $\vdash$                | $\dashv$  |   |       | 106        |                 | -               |          | ᅱ        | $\dashv$ | ᅱ        | ᆉ        | +   | $\dashv$ |
| -            | 7        | ٥             | H        | ├                  | ┼        | ╁        | $\vdash$     | Н               | $\dashv$             | -        |      |              | 57       | $\vdash$        | $\dashv$        | $\dashv$ | +        | +   | +            | $\vdash$                | ╣         |   |       | 107        |                 | -               | $\dashv$ | -        | $\dashv$ |          | +        | $\dashv$  | $\dashv$ |
| _            | 8        | V             | $\vdash$ | $\vdash$           | H        | H        | H            | Н               | +                    | $\dashv$ |      |              | 58       | Н               | ┪               | $\dashv$ | 十        | +   | +            | 十十                      | -         |   |       | 108        | $\vdash$        | $\dashv$        | -1       |          | -        | -1       | 十        | $\dashv$  | 一        |
|              | 9        | H             | H        |                    | 1        | H        | Н            |                 | $\neg$               | -        |      |              | 59       |                 | _               | $\dashv$ | $\dashv$ | $\top$  |              |                         |           |   |       | 109        |                 | ╅               | ᅥ        | _        | 寸        | _        | ヿ        | 寸   | ᅥ        |
|              | 10       | П             | T        | Τ                  | 1        | T        | П            | $\Box$          | $\top$               | $\dashv$ |      |              | 60       | $\Box$          | 寸               | $\dashv$ | $\top$   | $\dashv$  | 1            | $\Box$                  |           |   |       | 110        |                 |                 | 7        | $\dashv$ |          |          | $\dashv$ | $\dashv$  | $\neg$   |
|              | 11       | П             | T        | 1                  | 1        |          | П            |                 |                      | 7        |      |              | 61       |                 | 寸               | $\neg$   | 十        | 丁   | 1            | $\sqcap$                |           |   |       | 111        |                 |                 |          |          |          |          |          | 寸   |          |
|              | 12       | П             | Γ        | Γ                  |          |          | П            |                 |                      |          |      |              | 62       |                 |                 |          |          |   | 1            |                         |           |   |       | 112        |                 |                 |          |          |          |          |          |   |          |
|              | 13       | Ц             |          |                    |          |          |              |                 |                      |          |      |              | 63       |                 |                 | 丁        |          | ╧   | $oxed{\Box}$ |                         |           |   |       | 113        |                 | 丁               |          |          |          |          |          |   |          |
|              | 14       | $\square$     |          |                    |          |          |              |                 |                      |          |      |              | 64       |                 |                 |          |          | $oldsymbol{ol}}}}}}}}}}}}}}}$ |              |                         |           |   |       | 114        |                 |                 |          |          |          |          |          |   |          |
|              | 15       |               |          | $\Box$             |          |          |              |                 |                      |          |      |              | 65       |                 |                 |          | $\perp$  | $oldsymbol{\perp}$  |              | $\Box$                  |           |   |       | 115        |                 |                 |          | $\Box$   |          | $\Box$   | $\Box$   | I   |          |
|              | 16       |               | L        | 匚                  |          |          |              |                 |                      | _]       |      |              | 66       |                 |                 | $\bot$   | $\perp$  | $\bot$  |              |                         | _]        |   |       | 116        |                 | $\bot$          |          |          |          |          | _[       | $\perp \!\!\! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | $\Box$   |
|              | 17       |               |          | Ľ                  |          |          |              |                 | $\prod$              | $\Box$   |      |              | 67       |                 |                 | $\perp$  | $\perp$  | $\perp$   |              |                         | _         |   |       | 117        | Ш               |                 | [        |          | _        | _        |          | $\dashv$  | Ц        |
|              | 18       | Ш             |          | $oxedsymbol{oxed}$ |          | <u> </u> | Ш            | Ш               |                      | $\Box$   |      |              | 68       | Ш               | [               | $\perp$  |          |   |              |                         | _         |   |       | 118        |                 | _               |          |          | _        |          |          | $\bot$  | Ц        |
|              | 19       | Ш             | /        | L                  |          | _        | Ш            | Ш               | $\Box$               | _        |      |              | 69       |                 | $\dashv$        | _        | _        | _   |              | $\sqcup$                | _         |   |       | 119        |                 | _               |          | _        |          | _        | _        | $\dashv$  |          |
|              | 20       | Ц             | 1        | ┞                  | 1        | <u> </u> | Ш            | Ш               | $\sqcup$             | _        |      |              | 70       | <b>  </b>       | _               | _        | 4        | 4   | $\bot$       | $\sqcup$                | _         |   | ,     | 120        | $\sqcup$        | _               | _        | _        | _        | _        | _        | _   |          |
| $\vdash$     | 21       | ∟'            | _        | ــــ               | 1        | ـــــ    | Ш            | Ш               | $\vdash \vdash$      | _        |      |              | 71       |                 | _               | _        | _        |   | -            | $\vdash$                | _         |   |       | 121        |                 |                 | _        |          | 4        | _        | 4        | 4   |          |
| <u> </u>     | 22       | $\vdash$      | 1        |                    | ╀        |          | Ш            | Н               | $\vdash$             | 4        |      |              | 72       |                 |                 | $\dashv$ | $\dashv$ | +   | -            | $\vdash$                | 4         |   |       | 122        | Щ               |                 | -        | -        | $\dashv$ | -        | $\dashv$ | $\dashv$  |          |
| <u> </u>     | 23       | -             | 1        | <del> </del> —     | 1        |          | Н            | $\vdash \vdash$ | $\vdash$             | _        |      |              | 73       | $\vdash$        | -               | -        | +        | +   | -            | $\vdash$                | -         |   |       | 123        | Н               | -               |          | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |          |
| <u> </u>     | 24<br>25 | $\vdash$      | ⊢        | ╀                  | $\vdash$ | -        | $\vdash$     | $\vdash \vdash$ | $\vdash$             | 4        |      |              | 74<br>75 |                 |                 | -        | $\dashv$ |   | +            | +                       | $\dashv$  |   |       | 124<br>125 |                 | $\dashv$        | -        |          |          | -        | $\dashv$ | $\dashv$  | $\dashv$ |
| <b></b>      | 26       | $\vdash$      | $\vdash$ | $\vdash$           | +        | Η.       | $\vdash$     | $\vdash \vdash$ | $\vdash$             | -        |      | $\vdash$     | 76       | $\vdash$        | -               | $\dashv$ | +        | +   | +            | $\vdash$                | $\dashv$  |   |       | 125        | Н               |                 | -        | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
|              | 27       | <del> </del>  | ╁        | $\vdash$           | +        | +-       | $\vdash$     | Н               | $\vdash$             | $\dashv$ |      |              | 77       | $\vdash$        | +               | $\dashv$ | -+       | $\dashv$  | +-           | ++                      | 4         |   |       | 127        | H               | $\dashv$        | $\dashv$ | -        | $\dashv$ |          | $\dashv$ | $\dashv$  | $\dashv$ |
| $\vdash$     | 28       | -             | +        | ╁                  | ╁╾       | +        | $\vdash$     | $\vdash$        |                      | -        |      | $\vdash$     | 78       | H               | $\dashv$        | $\dashv$ | $\dashv$ | +   | +            | $\vdash$                | $\dashv$  |   |       | 128        | Н               | $\dashv$        | $\dashv$ | -        | -        | -        | $\dashv$ | $\dashv$  | $\dashv$ |
| $\vdash$     | 29       | $\vdash$      | 1        | +                  | ╁        | +        | $\vdash$     | Н               | $\vdash$             | $\dashv$ |      |              | 79       | H               | -               | $\dashv$ | $\dashv$ | $\dashv$  | +            | $\vdash$                | -         |   |       | 129        | $\vdash$        | 1               | $\dashv$ | $\dashv$ | $\dashv$ | 一        | $\dashv$ | $\dashv$  | $\dashv$ |
| $\vdash$     | 30       | $\vdash$      | H        | t                  | +        | $\vdash$ | $\vdash$     | H               | $\vdash$             | $\dashv$ |      |              | 80       | $\vdash$        | 1               | _        | +        | +   | +            | +                       | $\dashv$  |   |       | 130        | $\vdash$        | -               |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
|              | 31       | $\vdash$      | t        | $\vdash$           | $t^{-}$  | $\vdash$ | $\vdash$     | H               | $\vdash$             | $\dashv$ |      | $\vdash$     | 81       | $\vdash$        | -               | $\dashv$ | -        | +   | +            | $\vdash$                | -         |   |       | 131        | $\vdash$        | -               | $\neg$   |          | -        | -        | $\dashv$ | $\dashv$  | $\dashv$ |
|              | 32       | Η             | $t^-$    | T                  | T        | T        |              | Н               | $\vdash$             | $\dashv$ |      |              | 82       | $\Box$          | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$  | $\top$       | +                       | $\exists$ |   |       | 132        | H               | $\dashv$        | $\neg$   |          | $\neg$   | _        | _        | ┪   | ᅱ        |
|              | 33       | Γ             | T        | 1                  | 1        | 1        |              | П               | $\Box$               |          |      |              | 83       | П               |                 |          | $\dashv$ | _   | $\top$       | $\Box$                  |           |   |       | 133        | П               |                 |          |          |          |          |          | 寸   | ᅱ        |
|              | 34       | Г             | T        | T                  | 1        |          |              | П               | $\Box$               |          |      |              | 84       | П               |                 |          | $\neg$   | $\dashv$  | $\top$       | $\sqcap$                |           |   |       | 134        | П               |                 | $\neg$   |          |          |          |          | $\neg$  | ヿ        |
|              | 35       |               |          |                    |          |          |              |                 |                      |          |      |              | 85       |                 |                 | J        |          |   |              |                         |           |   |       | 135        |                 |                 |          |          |          |          |          |   |          |
|              | 36       |               |          | Г                  |          |          |              |                 |                      |          |      |              | 86       |                 |                 |          |          | $\Box$  | $oxed{oxed}$ |                         |           |   |       | 136        |                 |                 |          |          |          |          |          |   |          |
|              | 37       |               |          |                    |          |          |              |                 |                      |          |      |              | 87       |                 |                 |          | $\Box$   | $\Box$  | $oxed{\Box}$ |                         |           |   |       | 137        |                 |                 |          |          |          |          |          |   |          |
|              | 38       |               |          |                    |          |          |              |                 |                      |          |      |              | 88       |                 |                 | $\Box$   | $\perp$  | $\perp$   | $\perp$      | $\coprod$               |           |   |       | 138        |                 |                 |          |          |          | _        | $\Box$   | $\Box$  | ]        |
| <u></u>      | 39       | $\perp$       | L        | <u> </u>           | 上        | 1_       | $oxed{oxed}$ | Ш               | Ш                    | _        |      |              | 89       | Ш               | Ш               | $\perp$  | $\perp$  |   | 4            | $\downarrow \downarrow$ | _         |   |       | 139        | Ш               | Ш               |          |          |          | _        | $\perp$  |   | _        |
|              | 40       | _             | ┖        | 1                  | 1_       | 丨        | $oxed{oxed}$ | Щ               | Ш                    | _        |      |              | 90       | Ш               | Ш               | _        | _        | _   | 4-           | $\sqcup$                | $\exists$ |   |       | 140        | $\sqcup$        | $\Box$          | _        |          | Щ        | _        | $\perp$  | $\dashv$  | _        |
| <u></u>      | 41       | <u> </u>      | <u> </u> | ↓_                 | ╀-       | 1        | 1            | Ш               | $\sqcup$             | _        |      |              | 91       | Щ               | $\sqcup$        | _        | $\dashv$ | +   |              | $\vdash$                | _         |   |       | 141        | Ш               | Щ               | _        | Ш        | Щ        | _        | _        | _   | _        |
| L            | 42       | $\vdash$      | L        | $\perp$            | 1        | $\perp$  | $\vdash$     | Щ               | $\sqcup$             | _        |      | <u> </u>     | 92       | $\vdash$        | $\sqcup$        | _        | 4        | $\perp$   | 4            | $\sqcup$                | 4         |   |       | 142        | Ш               | $\sqcup$        | _        | Ш        |          | _        | $\dashv$ | $\dashv$  | _        |
| <u> </u>     | 43       | 1             | _        | ╄                  | ₩        | _        | <u> </u>     | -               | dash                 | 4        |      |              | 93       | $\vdash$        | $\vdash \dashv$ | -        | -        | +   | +            | $\vdash$                | 4         |   |       | 143        | H               | $\dashv$        | 4        | $\vdash$ | Ш        | $\dashv$ |          | $\dashv$  | $\dashv$ |
| <u> </u>     | 44       | $\vdash$      | $\vdash$ | $\vdash$           | $\vdash$ | $\vdash$ |              | $\vdash$        | $\vdash \vdash$      | _        |      |              | 94       | $\vdash$        |                 | $\dashv$ | $\dashv$ | +   | +-           | $\vdash$                | -         |   |       | 144        | H               |                 | _        | $\vdash$ | $\vdash$ | -        | _        | $\dashv$  | $\dashv$ |
| <u> </u>     | 45       | $\vdash$      | +        | +                  | 1        | $\vdash$ | -            | Н               | $\vdash$             | -        |      |              | 95       | $\vdash$        | $\vdash$        |          | +        | +   | +            | +                       |           |   |       | 145        | $\vdash$        | $\vdash \dashv$ | $\dashv$ | $\vdash$ | $\vdash$ |          | $\dashv$ | $\dashv$  | $\dashv$ |
| -            | 46<br>47 | $\vdash$      | ⊬        | ╀                  | +        | -        | $\vdash$     | $\vdash$        | $\vdash \vdash$      | -        |      | <del> </del> | 96<br>97 | $\vdash$        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +   | +            | +                       |           |   | ļ     | 146<br>147 | $\vdash$        | $\dashv$        | -        | $\vdash$ | $\dashv$ | -        | $\dashv$ | $\dashv$  | $\dashv$ |
| <u> </u>     | 48       | $\vdash$      | ┢        | ╁                  | ╁╴       | $\vdash$ | +-           | Н               | ${oldsymbol{arphi}}$ | $\dashv$ |      |              | 98       | $\vdash \vdash$ | $\vdash \vdash$ | $\dashv$ | +        | +   | +-           | + +                     | $\dashv$  |   |       | 148        | ⊢⊣              | $\vdash$        | -        | $\vdash$ | $\dashv$ | -        | $\dashv$ | $\dashv$  | $\dashv$ |
| <b>-</b>     | 49       | $\vdash$      | ╁╴       | +                  | +-       | +        | $\vdash$     | Н               | H                    | $\dashv$ |      | <del> </del> | 99       | Н               | $\vdash$        | $\dashv$ | +        | +   | +            | ++                      | $\dashv$  |   |       | 149        | H               | $\dashv$        |          | H        | $\vdash$ | -        | -        | $\dashv$  | $\dashv$ |
| <del> </del> | 50       | ╁             | ┢        | +                  | +        | +        | -            | H               | $\vdash \vdash$      | $\dashv$ |      |              | 100      | Н               | $\vdash$        | +        | +        | +   | +            | +                       | $\dashv$  |   |       | 150        | Н               | $\vdash$        | -        | $\vdash$ | -        | $\dashv$ | -        | $\dashv$  | -        |
| <u> </u>     | , 30     | 1             | _        | 1                  | 1        |          |              |                 | Щ.                   |          | :::: |              | 100      |                 |                 |          |          |   |              |                         |           | : |       | LIJU       | ш               | $\perp$         |          |          |          |          | _        |   |          |